

**1999 Annual Report**

**Project SN-2**

**“Partnerships for Agricultural Research  
and Development”**

October 1999

# Contents

	Page
<b>Overview of Project SN 2</b>	1
<b>Log Frame</b>	3
<b>Introduction</b>	4
<b>Outputs</b>	5
1    Institutional cooperation strategy in place	5
2    Relationships with key regional partners	5
3    Information routinely available to NARS	7
4    Document collections and databases established	7
5    Electronic delivery and/or publishing methods in place	8
6    Technical and promotional materials developed	10
7    Formal and non-formal training carried out	11
<b>Staff of the Directorate of Regional Cooperation</b>	14
Communications Unit	14
Graphic Arts Section	14
Information and Documentation	14
Training and Conferences	15
<b>Appendices</b>	
1    Agreements and letters of understanding	16
2    Public awareness activities	19
3    Technical and scientific publications	20
4    Bibliographic publications	22
5    Databases and services	24
6    Scientific training conferences and visitors	25

## **Overview of Project SN-2**

### ***Title***

“Linkages with NARS Enhancing Private and Public Linkages for Agricultural Research and Development”

### ***Objective***

To help increase the effectiveness of national, regional and global agricultural research and development systems by building partnerships sharing information developing human resources and promoting collaboration between countries and institutions

### ***Outputs***

Areas in which major outputs are expected include

- Local and regional consortia and networks that integrate the R&D plans of private and public sectors for selected commodities and agroecosystems
- Trained national program personnel
- Global agricultural R&D networks for sharing information prioritizing research issues and promoting horizontal collaboration
- Regional agricultural research projects identified and formulated in cooperation with NARS

### ***Gains***

Information exchange sharing of results and research prioritization will lead to more effective and efficient use of the human and financial resources dedicated to agricultural R&D Farmers processors and consumers will have better and quicker access to new knowledge research tools and methodologies and technology components

### ***Milestones to be Reached in 2000 2002***

- The development and implementation of a training strategy that contributes to the integration of agricultural research agendas and rural development projects within the NARS
- Institutional information and documentation services will be supplied through modern electronic systems which have been developed in cooperation with NARS and other CGIAR research centers
- The international community—research partners donors and NARS—will be informed of the institutional mission research capacity and

capabilities and available research outputs through the implementation of a communication and public awareness strategy

- An institutional consultation mechanism will allow CIAT to be an active and proactive partner in the formulation and implementation of the most important research and development projects developed in the different ecoregions of Latin America, Africa and Asia

### ***Users***

- Direct beneficiaries include developing country institutions (both public and private) engaged in research and development related to CIAT's mandated responsibilities
- International and regional organizations
- Developed-country agencies that dedicate resources to basic and applied research and to technical cooperation in developing countries
- Donors that finance bilateral and multilateral R&D activities

### ***Collaborators***

- Public and private sector institutions involved in agricultural R&D principally in Latin America but also in Asia and Africa for consortium and network development and training and communication
- Specialized research institutes in both developed and developing countries
- CIAT's donors
- IARCs collaborating with CIAT projects

### ***CGIAR System Linkages***

Strengthening NARS (i.e. Training Information Organization and Management and Networks) (100%)

### ***CIAT Project Linkages***

- Coordinate training and conferences carried out by all other research projects
- Coordinate joint resource mobilization efforts of CIAT projects and NARS oriented toward strengthening NARS

## Log Frame

**Area**      **Regional Cooperation**  
**Manager**   **Rafael Posada**

Narrative Summary	Measurable Indicators	Means of Verification	Important Assumptions
<p><b>Goals</b>            Knowledge and expertise for enhancing performance of decision making in the agricultural and development sectors is made accessible to appropriate users</p>	<p>Performance of NARS and regional programs improved</p>	<p>Impact studies by CIAT and partners            NARS technical reports</p>	
<p><b>Purposes</b>            Transfer and adoption of research deliverable outputs facilitated by consultation with all partners strengthening NARS developing public awareness strategies and setting up training documentation and information activities</p>	<p>Adoption of CIAT deliverable outputs            Recognition of the contribution and impact of CIAT's research</p>	<p>NARS technical reports            Donor publications and public recognition</p>	<p>NARS willing to adopt CIAT's outputs</p>
<p><b>Outputs</b></p> <ol style="list-style-type: none"> <li>1 Institutional cooperation strategy in place</li> <li>2 Relationships with key regional programs CGIAR members NGOs research institutes and universities strengthened</li> <li>3 Information routinely available to NARS</li> <li>4 Document collections and databases established</li> <li>5 Electronic delivery and/or publishing methods in place</li> <li>6 Technical and promotional materials developed</li> <li>7 Formal and non formal training carried out</li> </ol>	<p>Fulfillment of the commitments set in annual work plans and responsibility performance agreements            Publications of technical and scientific materials            Number of consultations and reference distribution            Number of training and conference events            Number of agreements with current activities            NARS use of CIAT's research agenda and deliverable outputs            CIAT's research projects aware of agricultural sector's needs</p>	<p>Staff annual evaluations            Directorship annual reports            CIAT's active participation in major regional planning priority setting and negotiation events            CIAT's participation in major regional agricultural research initiatives</p>	<p>CIAT's deliverable outputs are available</p>

## Introduction

Project SN-2 is a support rather than a research project. TAC requires all activities related to collaboration and cooperation toward strengthening national agricultural research systems (NARS) be reported as a single activity. CIAT, in accordance with its internal organization of project administration, has grouped such activities under Project SN-2 "Linkages with NARS: enhancing private and public linkages for agricultural research and development."

As the objective (in "Overview") states, the different components of this project facilitate the interactions and relationships of CIAT research projects with their counterparts in the NARS. Four major instruments are being used to reach this goal:

- *The Directorate for Cooperation*. This Office coordinates Project SN-2; its major responsibility is to monitor the demands and needs of agricultural research and rural development partners in Latin America, Africa, and Asia. The Directorate also coordinates and monitors agreements and letters of understanding on cooperation that are signed by CIAT and its partners. The research projects themselves execute and implement these agreements and letters of understanding.
- *The Communication Unit* provides and assists CIAT research projects to communicate their research results, accomplishments, and difficulties to the donor community, NARS decision makers, and research peers. Both print and electronic media are used to reach this objective. The Unit also maintains an aggressive public awareness campaign to demonstrate CIAT's work and contributions toward poverty alleviation and the sustainable use of natural resources.
- *The Information and Documentation Unit* supports CIAT scientists and NARS researchers by providing comprehensive information services. This Unit identifies information needs, collects, organizes, and disseminates scientific and technical information, and trains users in the latest electronic techniques for information searches. The Unit also keeps abreast in the identification and implementation of new methods and technologies to improve researchers' access to information.
- *The Training and Conferences Unit* supports CIAT research projects in their transfer activities. The Unit provides logistic support for the formulation, promotion, and execution of two types of training instruments: multidisciplinary courses and specialization courses. The Unit also coordinates individual training within CIAT research projects through doctoral dissertations, postgraduate monographs, and short-term student practices.

## **Outputs**

### **1 *Institutional Cooperation Strategy in Place***

- The relationships with CORPOICA in Colombia INIAP in Ecuador CIAT in Bolivia INTA in Nicaragua and EMBRAPA in Brazil were strengthened by the implementation of new research and training activities during 1999 Most of these activities will be reported by the respective CIAT research project and the Training Unit
- Thirteen new agreements and letters of understanding for cooperation were signed in 1999 three with each of NGOs Latin American universities National Research Institutions and different country offices of IICA in Central America and one was a multiple institutional letter of intent (Appendix 1)
- The Director of Cooperation was appointed as member of the National Directorship for CORPOICA This membership was nominated by the Ministry of Agriculture as a means of facilitating the coordination of research agendas
- To date 18 international and national research institutions are hosted at CIAT's Palmira headquarters under special cooperation agreements

### **2 *Relationships with Key Regional Partners***

- In Ecuador two strategic alliances were created with INIAP and the Ministry of Agriculture to carry out two training activities with the Programa de Modernización del Sector Agropecuario (PROMSA) which is financed by the World Bank
- In Bolivia CIAT was invited to be panel member of two regional competitive funds who will finance agricultural research in the Bolivian tropics and hillsides The funds will be financed by an IDB country development loan
- Three research projects were submitted jointly with PROCINDINO and PROCITROPICO to FONTAGRO
- Training support was given to PROCICARIBE in the area of project formulation and management
- Close contact was established with CIPAV a local resource management NGO (a) a CIPAV researcher received training at CIAT for one month (b) CIPAV is using CIAT improved tropical pastures in their research and transfer activities at the farmer level and (c) CIPAV is testing soil conservation technologies that were developed at CIAT

- A proposal was submitted to the AID Honduras office through the Ministry of Agriculture for a 3 year agreement to provide scientific and technical support to implement an agroindustry competitive-cluster development policy
- In relation to its activities with CIAT partners the Directorate of Regional Cooperation was also responsible for the coordination and management of funds received from various entities These include
  - i The cooperation funds for the Secretaria Pro-Tempore del Tratado Amazonico These funds were directed toward two studies
    - (a) Bases cientificas para enfrentar los problemas del ciclo del carbono a nivel global y posibilidades de la amazonia para contrarrestar los cambios climaticos por el aumento de la concentracion del CO<sub>2</sub> en la atmosfera
    - (b) Impactos actuales y potenciales de las enfermedades de los cultivos perennes de la amazonia y posibilidades de control para el desarrollo sostenible de la region

The final reports have now been approved and are ready for publication

- ii The Agencia Espanola de Cooperacion Tecnica provided financial and technical resources for four training courses related to natural resource management These courses were offered in Bolivia Colombia and Guatemala
- iii The University of Wageningen provided financial and technical resources to outpost a specialist in genetic resistance to Ecuador
- iv The University of Hohenheim provided financial resources for cooperation between University of Uberlandia (Brazil) and CIAT related to data compilation and analysis in the GIS area
- v EMBRAPA provided the financial resources to facilitate the cooperation activities with CIAT and the CGIAR In 1999 these resources were used to finance the training of EMBRAPA researchers in CIAT and other CGIAR centers
- vi The Directorate coordinated and administered the financial resources provided by the Colombian Government to implement the "Convenio Especial de Cooperacion Tecnica" Research activities were carried out and are reported on by the respective CIAT research projects

### **3 Information Routinely Available to NARS**

- The participation of CIAT scientists in workshops and other meetings is an important means of sharing results from the Center's cooperative research. Early this year the Graphic Arts Section of the Communications Unit implemented a new approach to producing posters for such events that involves several types of software and a plotter. This has greatly improved our efficiency and enhanced the Center's ability to deliver information while projecting an image of scientific excellence.
- Graphic Arts staff worked closely this year with CIAT's financial office in a thorough analysis of the costs of design, photography, and printing services. As a result, the costs of many services are being reduced to a level that is generally below the local market price but still high enough to cover the costs of materials and services and to encourage rational use of these services. This measure will significantly reduce the costs of Center scientists' efforts to convey research results to partners.
- The Unit distributed nearly 20,000 copies of various periodical publications such as *Growing Affinities* (our biannual institutional bulletin), *Pasturas Tropicales*, *Foro Arrocero*, and *Paginas de Contenido*. We also sold about 4,300 copies of CIAT technical books, generating nearly US\$22,500 in income, which helped defray our printing and shipping costs.
- The Library's Home Page on Internet provided worldwide access to CIAT's collections and information services. This is a major step toward becoming a "library without walls" by using the burgeoning electronic information technology to make our collections and services available throughout the world. The Home Page is published in English and Spanish and has received 3,855 visitors this year. The Library URL is <[www.ciat.cgiar.org/library](http://www.ciat.cgiar.org/library)>
- Publication of a CD on Natural Resources Management Grey Literature. A 3-year externally funded project to compile and disseminate unconventional literature on natural resource management in the American tropics resulted in a database of 20,000 references, which was distributed as a CD to 352 partner institutions.

### **4 Document Collections and Databases Established**

- ALEPH—Integrated Library System has enhanced user access and increased efficiency in information processing. Implementation began February 1999 to manage library functions such as acquisitions, cataloging, serials control, and circulation in a seamless, integrated manner. The Library personnel received training in the use and management of this new system. The bar coding system has been installed for 95% of books and is linked to the ALEPH catalog.

to enhance efficiency in book lending services. It provides access for a maximum of 3742 information searchers. Database production added 3270 records to the database. 25% of them accompanied by abstracts.

- The Library has improved its users' access to databases and the journal collection by making available, via Intranet, nine international bibliographic databases and "Endnote" (a personal bibliographic tool) to CIAT researchers. More than 20 SilverPlatter databases were made available through the ICFES (Colombia) "Gateway". A significant core of current scientific literature was also added to the already available resources in the Electronic Library. Electronic access to the full contents of over 20 journals in agricultural and biological sciences was also available (the CIAT license authorizes access by CIAT's headquarters personnel). More than 3000 users received Library reference services.
- CIAT publications received worldwide exposure in the FAO "AGRIS Database". The Library sent 334 references of CIAT publications to this international cooperative database through Internet and on CD ROM.
- The Library's participation in the Tropical Agriculture Database (TROPAG) is contributing to the dissemination of Latin American information. We processed 400 articles of Latin American journals and sent them to the Royal Tropical Institute (Netherlands) for inclusion in the Database.
- We carried out a survey of CIAT professional staff to identify their agricultural concerns and information needs.

##### **5 *Electronic Delivery and/or Publishing Methods in Place***

- The Communications Unit restructured, updated, and added significantly to CIAT's Web site this year and launched a new Spanish language version of it. The site now includes, among other items, a news section, our complete publications catalog, and the full text of key promotional publications, news releases, etc. in Spanish and English.
- In the 6 months or so preceding the CIAT-organized workshop "Assessing the Impact of Agricultural Research on Poverty Alleviation", the Unit worked closely with the director general's assistant to develop and maintain a Web page covering all aspects of this event, including the workshop program, abstracts of the presentations, style guidelines for authors, and so forth. During the weeks before the workshop, the page was updated almost daily. Apparently, it proved helpful in facilitating communication between the workshop organizers and participants.

- Since CIAT first developed a Web site in 1995-96 the Communications Unit has viewed this product not as an “electronic publication” but as a “place to publish” for Center staff. A corporate Web site cannot be truly effective unless its development is a collective venture, involving people throughout the organization. Until this year the Center has made little progress in developing that kind of “Web-publishing culture.” Then early in 1999 the Communications, Information and Documentation, and Information Systems Units took the initiative to establish a Web publishing Support Group. Its central function is to provide a forum for promoting, monitoring, and unifying CIAT’s Web site with a view to making it an effective vehicle for delivering information related to the Center’s work. Toward this end the Group (which meets every 2 weeks) has concentrated on four main tasks:
  - i. Identifying needs and opportunities to publish information within the framework of the CIAT Web site
  - ii. Coordinating editorial, design, and technical support of Web publishing
  - iii. Holding working sessions with Center staff to plan and support specific Web publishing initiatives
  - iv. Developing norms, procedures, and guidelines and presenting them in CIAT’s Intranet site to ensure an appropriate level of consistency and coherence in the Center’s Web site
  
- In addition to helping improve the supply of information provided by CIAT in electronic form, the Communications Unit is also starting to explore innovative ways of strengthening local capacity to use such information. During the first half of 1999 the Communications Unit and Participatory Research Project worked with several local partner organizations to develop a project for establishing two rural community telecenters in the Colombian Department of Cauca, linked to an urban telecenter in the Aguablanca District of Cali. Telecenters are a means of providing access to information and communications technologies (including the Internet) for people who normally would not be able to afford these services. The project’s goal is to evaluate the impact of several telecenter models in building local capacity to obtain and use information relevant to sustainable development in marginalized communities. The project was submitted to Canada’s International Development Research Centre (IDRC) and the donor has advised us informally that it intends to fund the project.
  
- Electronic document delivery was expanded as the Library continued to encourage its clients to send and receive materials electronically. The IDU also continued encouraging Latin American libraries to use ARIEL, DOCVIEW, and PROSPERO, which are software applications for transmitting and receiving

documents through Internet Electronically submitted requests were the main type of document delivery requests that the IDU received in 1999 accounting for 90% of all requests compared with 60% in 1998 Electronic delivery for patrons increased 30% over all requests

## **6 Technical and Promotional Materials Developed**

- The Communications Unit has published 10 major technical books on a wide range of themes in the last year plus two issues of the journal *Pasturas Tropicales*
- The Hillsides Project produced a two volume series of nine related publications entitled *Instrumentos metodológicos para la toma de decisiones en el manejo de los recursos naturales*
- The Land Use project published an electronic atlas of Honduras on CD-ROM with extensive information aimed at facilitating recovery from damage caused late last year by Hurricane Mitch
- The Center's corporate annual report (*CIAT in Perspective 1998-98 Pathways Out of Poverty*) was published in early September just in time for the above-mentioned workshop on the impact of agricultural research in alleviating poverty The report describes a wide range of research initiatives at CIAT that help reduce poverty or contribute to a better understanding of it By having the report available for the workshop we took advantage of an important opportunity to deliver the Center's poverty message to a large and influential group of researchers donors and other decision makers
- CIAT continued to receive fairly extensive media coverage in its host country The Center's activities were mentioned in a minimum of about 70 articles (11 of these are the ones that we were able to recover) as well as in various electronic media As a result of a special media-relations campaign in Central America the Center's work received much increased coverage in that region The Seeds of Hope seed-relief project for Central America and the so-called "Mitch" Atlas for example have been heavily publicized in Honduras and Nicaragua while the Poverty Workshop was well covered by local and foreign media in San Jose, Costa Rica where the meeting took place The media coverage in Colombia and other countries of Latin America is largely the product of about a dozen news releases prepared by the Communications Unit over the last year reinforced by personal contacts
- CIAT's work has received significant coverage in developed country media during 1999 But this was accomplished by different means than those employed in previous years In 1998 for example the Communications Unit mounted four media campaigns (three in Washington DC and one in

Switzerland) with the support of a public relations firm based in Bethesda Maryland. This year we have done no such campaigns. Instead, most of our coverage in the developed-country media resulted from the work of a free lance writer based in Cali. Since late last year, he has published more than a dozen articles related to the Center's work, including two in *The Economist*. Most of his articles, however, were directed to more specialized publications or news services such as *Geo World* (a GIS magazine), *Americas* (a magazine published by the Organization of American States), *Eco Americas* (an environmental newsletter), *ISB News* (an electronic bulletin on biotechnology) and *ENS* (Environmental News Service).

- In early 1999 the Center also received extensive publicity in connection with the project Seeds of Hope for Central America. This was the result of a collaborative effort with the Future Harvest Program, which is based at the CGIAR Secretariat. Through that and other contacts, CIAT-related work was covered twice in the "story of the day" section of the on line magazine *World Bank Today*.
- Finally, the Unit made a modest effort this year to target articles on CIAT's work to donor magazines. This has resulted so far in the publication of an overview article on CIAT by the Swedish International Development Agency (SIDA) in the magazine *Focus* and of an article on participatory plant breeding in IDRC's on line magazine.

## **7 Formal and Non Formal Training Carried Out**

- A core of 21 information specialists from 19 Latin American institutions were trained in information management. The intensive 5 day workshop was conducted with the collaboration of REDCAPA and FAO at the Universidad Javeriana, Bogota. The specialists were trained in techniques to promote access to agricultural information in Latin America.
- To promote awareness of new databases, software, and applications relevant to research, the Library conducted 40 online demonstrations for 300 CIAT staff. The demonstrations were carried out on twelve new electronic information resources available in the Library, including "Crop Protection Compendium", EndNote, Popline, and ERATOSTENES (all SilverPlatter databases). In addition, we received 611 visitors.
- NARS professionals received scientific training at CIAT during 1999 in accordance with the changing needs of both NARS and CIAT. In summary,

<sup>1</sup> During Oct 1998 to Oct 1999, 340 professionals were trained at CIAT. Most (309) were from 19 Latin American countries, and the remaining 31 were from 10 developed, 3 Asian, and 1 African countries. They took

advanced courses (129) in-country courses (43) students in practicum (21) specialization-in service (10) MS theses (8), Ph D dissertations (10) and undergraduate theses (26) Areas studied included biotechnology information, cassava rice virology rural agroindustries and others Group events are given in Table 1 Appendix 6

- ii The training strategy for 2000–2002 was developed with the active participation of all project managers and selected staff members The key element of the strategy is the participation of the staff members
- iii CIAT now has in place an overall inventory of its training opportunities for the next 3 years Details of the research disciplines being offered by each project and unit are presented as portfolios of training opportunities for both groups and individuals
- iv CIAT is seeking, from international donors funds for conducting multidisciplinary and specialized training events during 2001–2003
- v The Organization of American States (OAS) continues to fund postgraduate training courses at CIAT The OAS and ICETEX funded one course during 1998 and another one during 1999 The number of funded courses is expected to increase to two or three for year 2000
- vi CIAT is again supporting in-country training activities A course was conducted on “Scientific Research Methodologies” in Cuba and in Ecuador, for NARS professionals It will also be conducted in Colombia by participants already trained in the previous courses
- vii The Colombian Ministry of Agriculture has requested CIAT to develop a national training program based on CIAT’s training strategy and consisting of three multidisciplinary courses and six specialized courses for selected national and international researchers who will be invited by the Ministry Under this program more than 192 professionals will be trained on specific topics on natural resources and genetic resources management
- viii Demand for training at CIAT has increased sharply during 1998–1999 particularly from the NARS of Latin America and the Caribbean Colombia Ecuador Peru and Cuba have requested special agreements for training activities Regional programs (PROFRIZA and PROFRIJOL) consortiums (CLAYUCA and FLAR) and networks (PRODAR and REDCAPA) have requested specific training courses to be conducted at CIAT under our instructional and logistical support Training demands are sometimes greater than CIAT’s in house capacity

- ix Training activities at CIAT have been supported by organizations such as the World Bank the OAS several Ministries of Agriculture of the region universities UNDP international agencies and the NARS of Latin America and the Caribbean
  - x National and international professional staff, secretaries and local support staff and workers have been positively stimulated by the implementation of the Human Development Fund developed at CIAT The Fund has been able to meet simultaneously the training expectations and expertise requirements of the Center s personnel
- The Conferences Unit supported 7 major international conferences the details of which are given Table 2 Appendix 6
  - The Visitors Office received 1084 visitors during Oct 1998 Oct 1999 They came from 7 Latin American countries USA Canada Australia 3 African countries 5 European countries China and India Most visitors were visiting scientists from other research centers such as NARS universities, other CG centers and advanced research institutions in developed countries, student groups from universities other tertiary institutions and secondary schools government representatives including ambassadors and Ministers of Agriculture and donors' representatives The visitors were interested in such areas as tropical forages biotechnology PRGA livestock natural resources management cassava virology rice accounting GIS the Library soils rural agroenterprises beans genetics scientific training as well as interest in general

## **Staff of the Directorate of Regional Cooperation**

Rafael Posada	Director and Project Manager
Yoland Rincon	Bilingual Secretary

### ***Communications***

Nathan Russell	Head
Alberto Garcia	Administrative Assistant
Rebeca Bolaños	Secretary
Francisco Motta	Editor (Spanish)
Elizabeth de Paez	Editor (English)
Gladys Rodriguez	Editorial Assistant
Lynn Menendez	Translator
Eduardo Figueroa	Journalist
Silvia Perez	Communications Auxiliary
Henry Marin	Publications Distribution Clerk

### ***Graphic Arts***

Julio Cesar Martinez	Head and Senior Designer
Isabel Diaz	Secretary
Camilo Oliveros	Designer
Oscar Idarraga	Designer
Jorge Gallego	Web Site Designer
Mario Holguin	Print Shop Supervisor
Neydu Arias	Print Shop Assistant
Fernando Pino	Photographer
Juan Carlos Quintana	Photographer

### ***Information and Documentation***

Luz Marina Alvare	Acting Head
Mariano Mejia	Coordinator Public Services
Martin Satizabal	Public Services
Zulma Piñeros	Documentalist
Carlos Saa	Programmer
Olga Lucia Gonzalez	Reference Desk
Rommel Duran	Public Services
Maria Eugenia Reyes	Photocopy Service
Jairo Sandoval	Acquisitions
Fernando Monroy	Serials

### ***Training and Conferences***

Alfredo Caldas	Coordinator Scientific Training
Eleonora Izquierdo	Bilingual Secretary
David Salgado	Administrative Auxiliary
Maria Eugenia Cobo	Administrative Assistant Conferences and Visitors Office
Patricia Fajardo	Bilingual Secretary
Cesar Otero	Audiovisuals Technician
Jorge Mendez	Audiovisuals Technician
Guillermo Saavedra	Motorist

## Appendix 1

### Agreements and Letters of Understanding

Code	CF-A-3 B 23 66 (180)
Title	<i>Convenio Marco de Cooperacion</i> between CIAT and the Corporacion para el Desarrollo de la Biotecnologia (Corporacion Biotec)
Signatories	William Roca and Myriam Sanchez
Place	Corporacion Biotec (Universidad del Valle del Cauca)
Dates in force	16 October 1998 to 16 October 2003
Country	Colombia
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Code	CF A 3 B 29 1 (181)
Title	<i>Convenio de Cooperacion Tecnica para Suministro de Material Genetico y Fortalecimiento de la Actividad Arroceras en el Uruguay</i> between CIAT and the Instituto Nacional de Investigacion Agropecuaria
Signatories	Luis R. Sanint and Pedro Bonino Garmendia
Place	INIA
Dates in force	19 October 1998 to 19 October 1999
Country	Uruguay
<hr/>	
Code	CF-A 2 24 (182)
Title	<i>Carta de Entendimiento para el Nombramiento de Personal Asociado que Realice Acciones en Honduras</i> between IICA and CIAT
Signatories	Grant M. Scobie and Carlos E. Aquino
Place	IICA
Dates in force	10 March 1999 until the contract with Mr. Guillermo Giraldo Avila finishes
Country	Costa Rica
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Code	CF-A 3 B 20 4 (183)
Title	<i>Convenio Marco</i> between the Universidad Nacional de Tucuman and CIAT
Signatories	Marc Chatel and Marco Alberto Marighiano
Place	Universidad Nacional de Tucuman
Dates in force	3 March 1999 to 3 March 2004
Country	Argentina
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Code	CF A 2 25 (184)
Title	<i>Carta de Entendimiento</i> between IICA in Honduras and CIAT (Hillsides in Honduras)
Signatories	Miguel Ayarza and Guillermo Villanueva
Place	IICA
Dates in force	1 January 1999 to 31 March 2000
Country	Honduras
Code	CF A 2 26 (185)
Title	<i>Carta de Entendimiento</i> between IICA in Nicaragua and CIAT (Hillsides in Nicaragua)
Signatories	Miguel Ayarza and Jaime Mauricio Salazar
Place	IICA
Dates in force	1 January 1999 to 31 March 2000
Country	Nicaragua
Code	CF-A 3 B 23 67 (186)
Title	<i>Carta de Entendimiento No 8 Acuerdo para Normar el Programa de Seguimiento y Control Fitosanitario del ICA sobre el Material Vegetal Intercambiado por el CIAT con Otros Paises</i> between ICA and CIAT
Signatories	Rafael Posada and Alvaro Abisambra Abisambra
Place	Instituto Colombiano Agropecuario (ICA)
Dates in force	11 May 1999 indefinite
Country	Colombia
Code	CF-A 3 B 23 68 (187)
Title	<i>Convenio Especial de Cooperación</i> between CIAT and the Corporacion para el Desarrollo de la Tecnologia (Corporacion Biotec this entity will establish a work station at CIAT)
Signatories	William Roca and Myriam Sanchez
Place	Corporacion Biotec
Dates in force	24 May 1999 and 16 October 2003
Country	Colombia
Code	CF A 3 B 23 69 (188)
Title	<i>Acuerdo para Ampliar la Vigencia de la Carta de Entendimiento sobre Fondo de Ganado</i> between CIAT and CORPOICA
Signatories	Rafael Posada and Jaime Triana
Place	CORPOICA
Dates in force	22 March 1999 to 22 March 2000
Country	Colombia

Code	CF A 3 B 23 70 (189)
Title	<i>Carta de Intención Interinstitucional para la Conservacion y Uso Sostenible de la Biodiversidad de Los Andes Colombiano</i>
Signatories	Grant M Scobie Juan Mayr Maldonado (Ministro del Medio Ambiente Colombia) Ministerio del Medio Ambiente Inst de Inv Alexander Von Humboldt CENICAFE CIAT Conservation International Foundation CORPOICA FES Fundacion Natura Pontificia Univ Javeriana Asociacion Red Nacional de Reservas Naturales de la Sociedad Civil Univ Nac de Colombia Nature Conservancy Unidad Adm Especial del Sistema de Parques Nacionales Naturales, World Wildlife Fund Inc Programa de Colombia
Place	
Dates in force	1 May 1999 to 1 May 2004
Country	Colombia
<hr/>	
Code	CF-A 3 B 23 71 (190)
Title	<i>Carta de Entendimiento sobre el Uso del Laboratorio Ecofisiologia between the Universidad Nacional de Colombia and CIAT</i>
Signatories	Aart van Schoonhoven and Carlos Vicente Duran
Place	Universidad Nacional de Colombia
Dates in force	1 August 1999 to 1 August 2000
Country	Colombia
<hr/>	
Code	CF A-3 B 23 11 (191)
Title	<i>Termo Aditivo No 02 ao Contrato (Sic/Aju No 10200 97/135 5), between the Empresa Brasileira de Pesquisa Agropecuaria (EMBRAPA) and CIAT</i>
Signatories	Rafael Posada and Francisco J B Reifschneider
Place	EMBRAPA
Dates in force	1 July 2000 to 1 July 2000
Country	Brazil
<hr/>	
Code	CF-A 3 B 27 9 (192)
Title	<i>Convenio Marco de Cooperacion Interinstitucional between the Universidad Nacional Agraria "La Molina" and CIAT (to support Maria Fernandez s activities in Peru)</i>
Signatories	Maria Fernandez and Francisco Delgado de la Flor
Place	UNALM
Dates in force	26 August 1999 to 26 August 2003
Country	Peru
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## **Appendix 2**

### **Public Awareness Activities**

- Publication of the Center's corporate annual report *CIAT en Perspectiva 1997-98 Biodiversidad sobre la mesa* (Spanish) and *CIAT in Perspective 1998-99 Pathways Out of Poverty*
- Publication of two issues of the Center's biannual bulletin *Growing Affinities* in English and Spanish
- Publication of a promotional booklet on participatory plant breeding
- Distribution of about a dozen news releases to Latin American media, reinforced by personal contacts to develop close relationships with media in the region
- A special media campaign focused on Central America—particularly Costa Rica, Honduras, and Nicaragua. This included publicity surrounding the CIAT-organized workshop on the impact of agricultural research in alleviating poverty
- A collaborative initiative with the Future Harvest Program to publicize the Seeds of Hope for the Central American project
- Close collaboration with a free lance journalist in Colombia, aimed at channeling stories about CIAT into North American, European, and Latin American media
- Publication of two stories about CIAT's work in donor magazines (SIDA's *Focus* and IDRC's on-line magazine)
- Publications displays in China, Washington (DC), and Bogota

## Appendix 3

### Technical and Scientific Publications

#### ***Publications Completed during November 1998 to September 1999***

- *Manuals*

Accion colectiva para el manejo de los recursos naturales Manual para identificar grupos de interes

Competitividad de la agricultura en las Americas

Desarrollo de perfiles regionales de pobreza basados en percepciones locales

Developing regional poverty profiles based on local perceptions

- *Proceedings*

Conservacion de suelos y aguas en la Zona Andina Hacia el desarrollo de un concepto integral

Sistemas agropastoriles en sabanas tropicales de America Latina

Sustainable land management for the Oxisols of the Latin American savannas  
Dynamics of soil organic matter and indicators of soil quality

Systems and farmer participatory research Developments in research on natural resource management

- *Reports*

Doing research together CIAT's medium term plan 2000-2002

- *Catalogs*

Catalogo de publicaciones 1999/Publications catalog

- *Senals*

Pasturas Tropicales 20(3) December 1998

Pasturas Tropicales 21(1) April 1999

- *Brochures*

Policy on intellectual property rights, December 1998

***Publications in Editorial Process, September 1999***

- *Manuals*

Proyecto de recopilacion de protocolos de cria y manejo

Identifying and assessing market opportunities for small producers

- *Monographs*

Descripcion del ecosistema Altillanura

- *Serials*

Arroz en las Americas August 1999

Pasturas Tropicales 22(2) August 1999

## Appendix 4

### Bibliographic Publications

#### **Serial Publications**

- *Bibliographic Bulletins*

*Forrajes Tropicales Boletín Bibliográfico/Tropical Forages Bibliographic Bulletin*  
Vol 4 nos 3-4 (1998) ISSN 0121-8840

*Frijol Boletín Bibliográfico/Beans Bibliographic Bulletin* Vol 4 nos 3-4 (1998)  
ISSN 0121 8859

*Suelos Acidos Tropicales Boletín Bibliográfico/Tropical Acid Soils Bibliographic Bulletin* Vol 4 nos 3-4 (1998) ISSN 0121 8875

*Yuca Boletín Bibliográfico/Cassava Bibliographic Bulletin* Vol 4 nos 3-4  
(1998) ISSN 0121 8883

- *Pages of Contents*

*Páginas de Contenido* October and December Six series

- i Agropecuaria General/General Agriculture ISSN 0120 4408
- ii Economía Agrícola y Desarrollo Rural/Agricultural Economics and Rural Development ISSN 0120-4467
- iii Fisiología Vegetal Genética y Biotecnología/Plant Physiology Genetics and Biotechnology ISSN 0120-4416
- iv Pastos Producción Animal y Nutrición/Pastures, Animal Production and Nutrition ISSN 0120-4440
- v Protección de Plantas/Plant Protection ISSN 0120-4424
- vi Recursos Naturales y Medio Ambiente/Natural Resources and the Environment ISSN 0121 8867

#### **Publications Exhibits in the CIAT Library**

Rural Agroenterprises  
Plant Genetic Resources in the Tropics

Impact of Agricultural Research  
Agricultural Sector Business  
Geographic Information Systems  
Cassava Use in the Tropics  
Ethnobotany  
Molecular Genetics and Biodiversity  
Rural Poverty in Tropical America  
Rice Pests in the Tropics

***Home Pages in Internet***

- Unidad de Informacion y documentacion  
<[http //www ciat cgiar org/library\\_es](http://www.ciat.cgiar.org/library_es)>
- Information and Documentation Unit Home Page  
<[http //www ciat cgiar org/library](http://www.ciat.cgiar.org/library)>

## Appendix 5

### Databases and Services

#### ***Databases Produced in CIAT***

CATAL	CIAT's bibliographic database containing 91 792 records Searches can be done in either Spanish or English
SERIAD	CIAT's holdings of 4000 journals (or serials)
CASSAVA	Bibliographic database on cassava containing 13 000 references
BEANS	Bibliographic database on beans with 15 000 references
TROPICAL FORAGES	Bibliographic database containing 9000 references
GREYLIT	"Management of Natural Resources Grey Literature" database containing 20 000 records from tropical America

#### ***Other Electronic Information Resources Available at CIAT***

AGRICOLA	
AGRIS	
CAB CD	
CAB	
TROPILECHE	
SINGER	
DIALOG	
INTERNET	
ERATOSTENES	More than 20 SilverPlatter databases through the ICFES server
OCLC— <i>FirstSearch</i> .	Gives access to several bibliographic and reference databases
<i>Current Contents in Agriculture</i>	

#### ***Services Offered***

Book loans  
Access to 20 electronic journals  
Specialized searches  
Paper photocopies  
Electronic photocopies  
Acquisitions of books and photocopies  
Specialized bibliographies  
Interchange agreements  
Training in information management

## Appendix 6

### Scientific Training, Conferences, and Visitors

Table 1 Group events held at CIAT October 1998 to October 1999

Event	Dates (d m y)	Participants (no )
<i>Miscellaneous courses</i>		
Rural Agroindustry in Sustainable Microregional Development	09 09 98 – 03 10 98	17
International Course on Molecular Genetic Techniques for Biodiversity Characterization	31 05 99 – 12 06 99	21
Facilitator of CIAL methodologies Strengthening Abilities	26 07 99 – 04 08 99	18
Regional Course to Promote Agricultural Information Access in Latin America and the Caribbean	21 06 99 – 25 06 99	19
International Course on Molecular Plant Breeding with Emphasis on Rice	04 10 99 – 29 10 99	18
International Course on Modern Techniques for Bean Breeding and Pathology	25 10 99 – 05 11 99	18
International Course on Using GIS to Help with the Distribution and Development of Agricultural and Socioeconomic Information Products	20 09 99 – 01 10 99	18
<i>In country courses</i>		
Scientific Research Methodologies held in La Habana Cuba	11 01 99 – 16 01 99	23
Scientific Research Methodologies held in Quito Ecuador	31 05 99 – 04 06 99	20

Table 2 CIAT conferences in 1999

Title	Participants (no )	Venue	Project	Objectives	Dates (d m y)
Strategic Planning Meeting PRODAR and CIAT	30	CIAT	Rural Agroenterprise Project	Using the participatory approach to formulate a strategic plan for PRODAR (Collaborative Program for Rural Agroindustrial Development in Latin America and the Caribbean)	02 03 99 09 03 99
Team Building Workshop on Leading and Managing for Collaborative Advantage	11	CIAT	PRGA Program	<ul style="list-style-type: none"> <li>• Increase participants understanding of the theoretical framework and principles for developing collaborative alliances or partnerships</li> <li>• Enhance interpersonal skills critical in developing collaborative partnerships</li> <li>• Assist the Project Planning Group to apply the theory to their own project and develop a consistent framework for operating in a collaborative partnership project</li> <li>• Explore how to disseminate the principles framework and skills to small grant recipients and their partners</li> </ul>	22 03 99 27 03 99
Meeting to form the Latin America and Caribbean Consortium to Support Cassava Research and Development (CLAYUCA Spanish acronym)	47	CIAT	CLAYUCA	<ul style="list-style-type: none"> <li>• Sign a Letter of Agreement between participating countries (one institution per country)</li> <li>• Elect members to the Administrative Committee for the Consortium</li> <li>• Elaborate the 1999 work plan for the Consortium</li> </ul>	11 04 99 13 04 99

Title	Partici pants (no )	Venue	Project	Objectives	Dates (d m y)
Workshop for Experts in the Monitoring and Evaluation of Projects	17	CIAT	Land Management	Obtain feedback information and case studies from Latin American experts and practitioners in project assessment	25 04 99 30 04 99
Monitoring and Modeling of Hydrological Processes for Decision Making in the Tropical Hillsides	54	CIAT	Hillsides	<ul style="list-style-type: none"> <li>• Examine the application of contemporary computer techniques for monitoring and modeling biophysical processes and simulating impact of environmental change in tropical hillsides</li> <li>• Emphasize (a) available technologies (b) their application on several important areas specific to the American hillsides and (c) the potential for this focus for providing solid interactive support in decision making</li> <li>• Bring together scientists in the disciplines of hydrology cloud forest ecology and impact of climate and land use change</li> </ul>	28 06 99 29 06 99
International Symposium and Parallel Workshops on Participatory Plant Breeding in Latin America and the Caribbean An Exchange of Experiences	75	Quito Ecuador	PRGA Program	<ul style="list-style-type: none"> <li>• Exchange and compare the diversity of experiences with PPB in Latin America and the Caribbean (LAC)</li> <li>• Identify gaps in experience and new work needed for a second workshop in 2001</li> <li>• Establish network of Latin American and Caribbean plant breeders who use participatory methodologies tools and approaches</li> <li>• Make current contributions to a working document on guidelines for PPB prepared as a result of a consultation held in June 1997</li> </ul>	31 08 99 03 09 99

Title	Partici pants (no )	Venue	Project	Objectives	Dates (d m y)
				<ul style="list-style-type: none"> <li>• Identify examples that illustrate these guidelines for publication as a companion handbook</li> </ul>	
International Workshop on Assessing the Impact of Agricultural Research on Poverty Alleviation	150	San Jose Costa Rica	Administration	<ul style="list-style-type: none"> <li>• Sharpen understanding of and update and sharpen perspectives on the extent trends and dimensions of poverty</li> <li>• Clarify research poverty linkages to reduce the level of controversy on the impact of agricultural research on the poor</li> <li>• Test the resource degradation poverty linkages to see whether agricultural research is focused on natural resources improvement and whether it would deserve priority in a portfolio of projects that seeks to alleviate poverty</li> <li>• Recommend institutional architectures for increasing impact on poverty and suggest guidelines on carrying out needed changes in institutions and research systems to alleviate poverty</li> <li>• Facilitate the incorporation of findings and conclusions of this workshop in policy and action programs and set in motion follow up activities that will lead to the incorporation of findings and conclusions in agricultural research designs poverty programs and policy</li> </ul>	14 09 99 16 09 99